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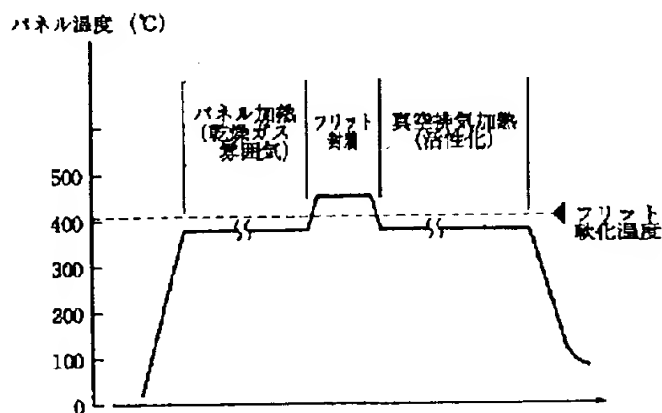
APPLICATION DATE : 21-02-92
APPLICATION NUMBER : 04033837

APPLICANT : NEC CORP;

INVENTOR : YOSHIOKA TOSHIHIRO;

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TITLE : MANUFACTURE OF GAS ELECTRIC DISCHARGE DISPLAY PANEL



ABSTRACT : PURPOSE: To provide a gas electric discharge display panel having an excellent panel characteristic by effectively performing activation of a panel of large area, large capacity, and high precision, and having little easiness of gas passing in the panel.

CONSTITUTION: When a first and a second substrate are sealed for enclosing an electric discharge gas, a glass tube connected to those substrates is connected to a vacuum evacuation and gas introduction device and, while the inside or surroundings of a panel is brought into gas atmosphere including one or more kinds of dry nitrogen, oxygen, hydrogen or rare gas, the substrates are heated at a temperature equal to or lower than a sealing temperature. Then, the panel is heated to the sealing temperature to be sealed, and in succession, while conducting vacuum evacuation, the heating temperature is lowered to perform activation and then the electric discharge gas is enclosed.

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